

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. — 27. (Canceled)

28. (New) A method for responding to a service request comprising:

receiving the service request from a wireless client device;

performing an exact match search of a plurality of predefined client profiles to locate a predefined client profile, wherein client device type information in the service request matches client device type information in the predefined client profile;

when the exact match search to locate the predefined client profile fails, performing a partial match search of the plurality of predefined client profiles to locate the predefined client profile, wherein a subset of the client device type information in the service request matches a subset of the client device type information in the predefined client profile; and

providing to the wireless client device a service requested in the service request using the predefined client profile.

29. (New) The method of claim 28, wherein the client device type information in the service request comprises a user agent (UA).

30. (New) The method of claim 28, further comprising:

when the partial match search to locate the predefined client profile fails, performing a class match search of a plurality of predefined default client profiles to locate the predefined client profile, wherein a predefined default client profile of the plurality of predefined default client profiles is selected to be the predefined client profile when a subset of the client device type information in the service request matches a subset of client device type information in the predefined default client profile, wherein a predefined default client profile comprises a client profile for a class of wireless device.

31. (New) The method of claim 30, further comprising:

when the exact match search, the partial match search, and the class match search fail,
adding a new client profile associated with the wireless client device to the
plurality of predefined client profiles using the client device type information
in the service request.

32. (New) The method of claim 30, further comprising:

when the class match search is successful, adding a new client profile associated with
the wireless device to the plurality of predefined client profiles by merging the
client device type information in the predefined client profile with the client
device type information in the service request.

33. (New) The method of claim 28, wherein the predefined client profile is World Wide Web
Consortium standards compliant.

34. (New) The method of claim 28, wherein the client device type information in the service
request comprises at least one selected from a group consisting of a display capability of
the wireless client device, a memory capacity of the wireless client device, a bandwidth
capability of the wireless client device, a browser type of the wireless client device, an
operating system of the wireless client device, and a markup language of the wireless
client device.

35. (New) The method of claim 28, wherein the client device type information in the service
request is comprised in at least one hyper text transfer protocol (HTTP) header.

36. (New) A wireless portal server comprising:

a profile storage unit configured to store a plurality of predefined client profiles;
a client request receiving logic unit configured to receive a service request from a
wireless client device and to extract received client device type information
from the service request;
a client search unit configured to:
access the received client device type information;
perform an exact match search of the plurality of predefined client profiles to
locate a predefined client profile, wherein the received client device

type information matches client device type information in the predefined client profile; and

when the exact match search to locate the predefined client profile fails, perform a partial search of the plurality of predefined client profiles to locate the predefined client profile, wherein a subset of the received client device type information matches a subset of the client device type information in the predefined client profile,

wherein a service requested in the service request is provided to the wireless client device using the predefined client profile.

37. (New) The wireless portal server of claim 36, wherein the client device type information in the service request comprises a user agent (UA).

38. (New) The wireless portal server of claim 36, wherein the client search unit is further configured to:

when the partial match search to locate the predefined client profile fails, perform a class match search of a plurality of predefined default client profiles to locate the predefined client profile, wherein a predefined default client profile of the plurality of predefined default client profiles is selected to be the predefined client profile when a subset of the received client device type information matches a subset of client device type information in the predefined default client profile, wherein a predefined default client profile comprises a client profile for a class of wireless device.

39. (New) The wireless portal server of claim 38, further comprising:

when the exact match search, the partial match search, and the class match search fail, adding a new client profile associated with the wireless client device to the plurality of predefined client profiles using the received client device type information.

40. (New) The wireless portal server of claim 38, further comprising:

when the class match search is successful, adding a new client profile associated with the wireless client device to the plurality of predefined client profiles by

merging the client device type information in the predefined client profile with the client device type information in the service request.

41. (New) The wireless portal server of claim 36, wherein the predefined client profile is World Wide Web Consortium standards compliant.
42. (New) The wireless portal server of claim 36, wherein the received client device type information comprises at least one selected from a group consisting of a display capability of the wireless client device, a memory capacity of the wireless client device, a bandwidth capability of the wireless client device, a browser type of the wireless client device, an operating system of the wireless client device, and a markup language of the wireless client device.
43. (New) The wireless portal server of claim 36, wherein the received client device type information is comprised in at least one hyper text transfer protocol (HTTP) header in the service request.
44. (New) An apparatus for responding to a service request comprising:
 - means for receiving the service request from a wireless client device;
 - means for performing a multi-level search to locate a predefined client profile, wherein the multi-level search comprises:
 - performing an exact match search of a plurality of predefined client profiles to locate the predefined client profile, wherein client device type information in the service request matches client device type information in the predefined client profile; and
 - when the exact match search to locate the predefined client profile fails, performing a partial search of the plurality of predefined client profiles to locate the predefined client profile, wherein a subset of the client device type information in the service request matches a subset of the client device type information in the predefined client profile; and
 - means for providing to the wireless client device a service requested in the service request using the predefined client profile.
45. (New) The apparatus of claim 44, wherein the multi-level search further comprises:

when the partial match search to locate the predefined client profile fails, performing a class match search of a plurality of predefined default client profiles to locate the predefined client profile, wherein a predefined default client profile of the plurality of predefined default client profiles is selected to be the predefined client profile when a subset of the received client device type information matches a subset of client device type information in the predefined default client profile, wherein a predefined default client profile comprises a client profile for a class of wireless device.

46. (New) The apparatus of claim 45, further comprising:

means for adding a new client profile associated with the wireless client device to the plurality of predefined client profiles using the client device type information in the service request when the exact match search, the partial match search, and the class match search fail.

47. (New) The apparatus of claim 45, further comprising:

means for adding, when the class match search is successful, a new client profile associated with the wireless device to the plurality of predefined client profiles by merging the client device type information in the predefined client profile with the client device type information in the service request.

48. (New) The apparatus of claim 44, wherein the predefined client profile is World Wide Web Consortium standards compliant.

49. (New) The apparatus of claim 44, wherein the client device type information in the service request comprises at least one selected from a group consisting of a display capability of the wireless client device, a memory capacity of the wireless client device, a bandwidth capability of the wireless client device, a browser type of the wireless client, an operating system of the wireless client device, and a markup language of the wireless client device.

50. (New) The apparatus of claim 44, wherein the client device type information in the service request is comprised in at least one hyper text transfer protocol (HTTP) header.